

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	1.1	<u>Grayson RECC</u>
REPORT PREPARED BY	1.2	<u>Jim Worley</u>
E-MAIL ADDRESS OF PREPARER	1.3	<u>jim43worley@gmail.com</u>
PHONE NUMBER OF PREPARER	1.4	<u></u>

RECEIVED
MAR 30 2011
PUBLIC SERVICE
COMMISSION

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2.1	<u>2010</u>
-------------------------	-----	-------------

SECTION 3: MAJOR EVENT DAYS

TMED	3.1	<u>16.2</u>
FIRST DATE USED TO DETERMINE TMED	3.2	<u>1/1/2005</u>
LAST DATE USED TO DETERMINE TMED	3.3	<u>12/31/2009</u>
NUMBER OF MED IN REPORT YEAR	3.4	<u>3</u>

NOTE: Per IEEE 1366 TMED should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

SECTION 4: SYSTEM RELIABILITY RESULTS

Excluding MED

SAIDI	4.1	<u>203</u>
SAIFI	4.2	<u>2.102</u>
CAIDI	4.3	<u>96</u>

Including MED (Optional)

SAIDI	4.4	<u>283</u>
SAIFI	4.5	<u>2.414</u>
CAIDI	4.6	<u>117</u>

Notes:

- 1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of April of each year
- 3) Reports cover the calendar year ending in the December before the reports are due.
- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, CAIDI, and TMED

Electric Distribution Utility Annual Reliability Report

SECTION 5: OUTAGE CAUSE CATEGORIES

Excluding MED

CAUSE CODE DESCRIPTION	SAIDI VALUE	CAUSE CODE DESCRIPTION	SAIFI VALUE
Other	5.1.1 106.5	Other	5.2.1 0.806
Lightning	5.1.2 24.2	Scheduled	5.2.2 0.287
Scheduled	5.1.3 19.4	Lightning	5.2.3 0.258
Trees	5.1.4 15.8	Wildlife	5.2.4 0.144
Wildlife	5.1.5 14.0	Trees	5.2.5 0.118
Line down	5.1.6 10.3	Line Down	5.2.6 0.058
Storm	5.1.7 4.0	Storm	5.2.7 0.037
Insulator	5.1.8 3.5	Insulator	5.2.8 0.022
Pole	5.1.9 2.6	Pole	5.2.9 0.013
Transformer	5.1.10 0.6	Transformer	5.2.10 0.003

SECTION 6: WORST PERFORMING CIRCUITS

CIRCUIT IDENTIFIER	SAIDI VALUE	MAJOR OUTAGE CATEGORY
0703	6.1.1 41	SCHEDULED
0604	6.1.2 37	OCR
0601	6.1.3 31	TREES
0801	6.1.4 17	OTHER
0402	6.1.5 16	STORM
1002	6.1.6 15	OTHER
0701	6.1.7 11	OTHER
0901	6.1.8 9	POLE
1202	6.1.9 9	OTHER
0603	6.1.10 9	LIGHTNING

CIRCUIT IDENTIFIER	SAIFI VALUE	MAJOR OUTAGE CATEGORY
0703	6.2.1 0.348	SCHEDULED
0604	6.2.2 0.261	OTHER
0402	6.2.3 0.151	STORM
0801	6.2.4 0.130	OTHER
1002	6.2.5 0.123	OTHER
0701	6.2.6 0.098	OTHER
1202	6.2.7 0.093	OTHER
0101	6.2.8 0.084	TREES
0603	6.2.9 0.071	LIGHTNING
1103	6.2.10 0.065	OTHER

Electric Distribution Utility Annual Reliability Report

Additional pages may be attached as necessary

SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

Vegetation management plans for 2010 went well again. We cut approximately 176 miles of line, sprayed 29 miles and cut numerous hotspots. We are not planning on any changes for the upcoming year.

SECTION 8: UTILITY COMMENTS

We will be implementing an Outage Management System in 2011. The OMS should allow us to provide more accurate indicies in the future. The 2011 outage report will not reflect a full year with OMS.